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0.50 NA Patchcord 1000 Micron Fiber w/ SMA Connector



Stock #28-743 **1 In Stock**

⊖ 1 ⊕ £301⁰⁰

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| Qty 1+ | £301.60 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Patchcord **Type:**

Physical & Mechanical Properties

43 (Short Term) **Minimum Bend Radius (mm):**
86 (Long Term)

1.5 **Length (m):**

Optical Properties

0.50 Numerical Aperture NA:

VIS-NIR Wavelength:

300 - 1200 Wavelength Range (nm):

Hardware & Interface Connectivity

SMA905 Connector:

Environmental & Durability Factors

-40 to +85 Operating Temperature (°C):

Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 233:

Product Details

- Center Wavelengths from 340 - 1200nm
- Integrated Heat Sink for Thermal Management
- Continuous, TTL, or Analog Modulation Operation

Fiber Coupled LEDs are available in a broad selection of nominal wavelengths covering the UV, visible, and NIR spectra. Each fiber coupled LED consists of a single LED mounted to a heat sink housing with a SMA connector and slotted holes, enabling easy mounting to optical benchtops. Each stock number includes a 1 meter long, 0.22NA, $\phi 600\mu\text{m}$ SMA Cable which can be collimated using our [Lightpath® Fiber Optic Collimators](#). The included driver allows for continuous or modulated (TTL and analog) operation of the LED and has a physical knob for output intensity adjustment. Fiber Coupled LEDs are ideal for use in microscopy, life science, or general lab applications where they can serve as alternatives to low power lasers.

Note: A5VDC Power Supply, sold separately, is required for operation. See the accessories tab for the recommended power supply for your region.

Technical Information

